

Wi-Fi 7

BE3600 Dual-Band Mesh Router

DIR-BE36

Experience Lightning-Fast 2.5Gbps¹ Dual-Band Speeds ensuring your devices operate at maximum efficiency. Enjoy seamless 4K/8K streaming, immersive AR/VR gaming, and rapid downloads with ease.

The latest Wi-Fi 7 technology incorporates Multi-Link Operation Multi-RUs, 4K-QAM, and 160 MHz channels. It achieves speeds of 2882 Mbps¹ on the 5GHz band, and 688 Mbps¹ on the 2.4GHz band. Your network will deliver unprecedented performance that will leave you amazed.

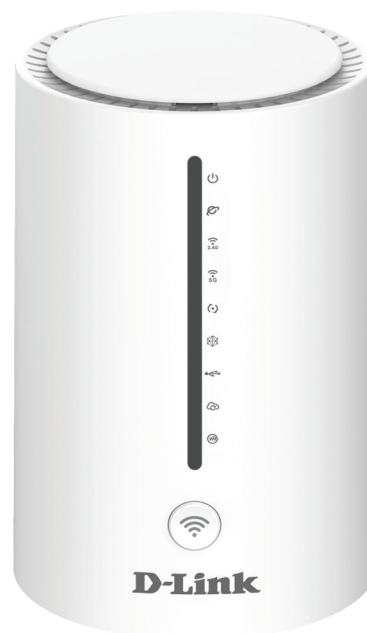
2.5G Port Featuring 1× 2.5 Gbps WAN port and 3× 1 Gbps LAN ports with link-aggregation, this setup surpasses the 1G bottleneck, propelling your devices to optimal performance levels.

Enhanced Coverage With 4× Internal high-power antennas, proprietary Wi-Fi optimization, and Beamforming technology, you experience expanded coverage, increased capacity, robust and reliable connections, and minimized interference.

Mesh Compatibility Seamlessly integrates with Mesh routers to create a unified Mesh WiFi network throughout your home, ensuring uninterrupted connectivity and eliminating drops or lag when transitioning between signals.

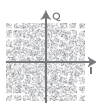
Advanced Parental Controls Protect your kids online with instant monitoring, content filters and customized settings for every connected device.

Easy Setup and Use Managing your network is now simpler than ever with the D-Link Mobile Connect Plus App.



Multi-Link (MLO)

Enhances throughput, minimizes latency, and boosts reliability for upcoming applications.



4K-QAM

4K QAM modulation that can deliver 140% higher capacity.



2.5G Multi-Gig WAN

Unlock unparalleled device performance with lightning-fast data transfers through the 2.5GE port, harnessing the full potential of WiFi 7



Quad Core Processor

The powerful quad-core CPU ensures smooth operation, while its ability to connect to more devices across dual bands ensures efficient performance.



Secure Network

Help keep your network safer with Advanced Parental Controls, guest Wi-Fi, WPA3 encryption and IEC 62443-4-1 security certification.



Smart Roaming

Seamlessly connects your devices to the strongest signal as you move from room to room, eliminating the need for them to disconnect and reconnect.



OFDMA

Small data packets destined for multiple devices are transmitted together and never have to queue up again. Perfect for Smart Homes filled with bandwidth-hungry IoT devices battling for bandwidth.



Expandable Network

DIR-BE36 is a scalable solution. Add extra DIR-BE36 Points where you need more Coverage

Hardware Parameters

Chipset	BCM6764+BCM53134O+EN8811HN
CPU frequency	Quad-Core, 2.0-GHz
Memory	256MB 16-bit DDR3L
Flash	128MB SPI NAND
Wi-Fi	2T2R 2GHz 802.11b/g/n/ac/ax/be, 688Mbps ¹
	2T2R 5GHz 802.11a/n/ac/ax/be, 2882Mbps ¹
Device Interfaces	1 x RJ45 100M/1000M/2.5G WAN Ethernet
	3 x RJ45 100M/1000M LAN Ethernet
	1 x USB3.0
	1 x Reset Button
	1 x WPS Button
Wi-Fi Antenna	2 x 3dBi Internal 2.4GHz antennas
	2 x 3dBi Internal 5GHz antennas

Wi-Fi Features

Standard	802.11b/g/n/ac/ax/be, 688Mbps ¹ 2.4G
	802.11a/n/ac/ax/be, 2882Mbps ¹ 5G
Modulation schemes	OFDM = BPSK,QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM, 4096-QAM DSSS = DBPSK, DQPSK, CCK
Transfer Rate	HE20: up to 574Mbps 2.4G+5G
	HE40: up to 1147Mbps 2.4G+5G
	HE80: up to 1201Mbps 5G
	HE160 up to 2402Mbps 5G
	EHT20:up to 688.5Mbps 2.4G+5G
	EHT40:up to 1377Mbps 2.4G+5G
	EHT80:up to 1440Mbps 5G EHT160:up to 2880Mbps 5G

Functionality

WAN Type	Static IP Dynamic IP PPPoE 802.1p & 802.1q VLAN tagging and priority bit	
Security Protocol	WPA/WPA2 - Personal WPA2 - Personal	WPA2/WPA3 - Personal WPA3 Only
Firewall	DoS Stateful Packet Inspection Anti-spoofing checking	IP/MAC address filtering 1 x DMZ
Mesh	D-Link Wi-Fi Mesh	
QoS	D-Link Intelligent QoS Technology	
Power Saving	Target Wake Time (TWT)	
Access Control	Advanced Parental Controls	Guest zone
Dynamic DNS	No-IP DDNS	Dyn DDNS
Protocols	IPv4	IPv6
Operation Modes	Router mode Extender mode	Bridge mode
VPN Pass-Through	L2TP PPTP	IPSec Open VPN

Technical Specifications

DIR-BE36

Environment Requirements

Operating Temperature	0°C~40°C
Storage Temperature	-20°C ~ 90°C
Operating Humidity	5%~95% (typical)
Power Supply	12V/1.5A

EMC/Safety

Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS

¹ Maximum wireless signal rate derived from IEEE Standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, may lower actual data throughput rate. Environmental factors will adversely affect wireless signal range.